**Geometry Week 2: Triangles, Quadrilaterals, Classifying**

Monday, April 2

**Triangles**

* Objective: Students will be able to classify triangles based on side length and angle measure.
* Warm up: Brainstorm triangles in the world
* On the rug: Triangle sort in partners, create triangle classifications anchor chart, directly teach into 180 degrees per triangle
* Release: Envision 8-4
* Share: Go over work, especially 180 rule
* **MATERIALS:** Triangles to sort, anchor chart to co-complete, Envision pages for students
* Assessment: Exit ticket—draw an isosceles and an obtuse triangle

Tuesday, April 3

**Quadrilaterals**

* Objective: Students will be able to classify quadrilaterals based on properties of sides and angles.
* Warm up: Brainstorm quadrilaterals we see around us
* On the rug: Problem-Based Interactive Learning—create Quadrilaterals checklist, directly teach into 360 degree rule
* Release: Envision 8-5
* Share: Use what we know to classify quadrilaterals we see around us from earlier
* MATERIALS: Model of Quadrilateral checklist for doc camera, Envision pages for students
* Assessment: Independent practice #13 (find the missing angle measure)

Wednesday, April 4

**Quadrilaterals day 2**

* Objective: Students will be able to classify quadrilaterals using properties of sides and angles.
* On the rug: introduce the worksheets for “Some figures have many names”
* Release: Complete some figures have many names work
* Extension: Multiplication and division work from Singapore
* Share:
* MATERIALS: “Some figures have many names” worksheets from Investigations, Extension work
* Assessment: Collect “Some figures” worksheets

Thursday, April 5

**Triangles and Quadrilaterals**

* Objective: Students will be able to classify triangles and quadrilaterals using properties of sides and angles
* On the rug: Teach into guess my rule, how to record playing the game in a notebook
* Release: Guess my rule in partnerships or trios with triangle and quadrilaterals shape cards
* Share: Share out some of the rules used.
* MATERIALS: shape cards, model for keeping track of rules in nb
* Assessment: At share, collect rules on an anchor chart—use Post-Its?

Friday, April 6

**NO SCHOOL GOOD FRIDAY**

**Geometry Week 3: Perimeter and Area**

Monday, April 9

**Calculating perimeter of irregular polygons using embedded information**

Tuesday, April 10

**NO MATH FIELD TRIP**

Wednesday, April 11

**NO SCHOOL CONFERENCES**

Thursday, April 12

Review Area of rectangles (grid and b x h)

Area stays the same

Schuster p.325

Friday, April 13

Perimeter stays the same

Schuster p.328

**Geometry Week 4: Perimeter and Area into 3-D Solids**

Monday

Calculating area of triangle: Build it! Connect to formula (A = ½ b x h)

cut rect in half activity to connect to equation

Schuster?